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1980 COMMUTATION PATTERNS
New York State Counties and Metropolitan Statistical Areas

New York State Department of Labor
Division of Research and Statistics
Bureau of Labor Market Information

STATE OF NEW YORK
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New York State Department of Labor
Division of Research and Statistics

1980 COMMUTATION PATTERNS

NEW YORK STATE COUNTIES AND

METROPOLITAN STATISTICAL AREAS

This report was prepared by the staff of the Standards and Services Office
Bureau of Labor Market Information.

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INTRODUCTION

Data in this report were compiled from two separate tabulations of the 1980 Census. The bulk of the data were drawn from a special tabulation prepared by the Bureau of the Census for the Bureau of Labor Statistics. This tabulation details commuting flows among counties in non-New England states and minor civil divisions (MCD's) in the New England states. In two parts, the tabulation presents commuting flows from residence areas to work areas (place of residence by place of work) and into work areas from residence areas (place of work by place of residence).

The second source of data is Tabulation P-B34, Place of Work: 1980 from Summary Tape File 4 (STF-4) Documentation Supplement 1. This supplement lists 20 work places that are uniquely defined for each county. The place-of-work locations included in STF-4 were specified to present the main destinations of the workers in each county. For this report, tabulation P-B34 was used to provide place of work totals of significant sub-county areas only.

Commutation data are based on Census questionnaires with a reference week of March 23 - March 29. Individuals were asked where they actually worked during the reference week, not where they normally worked. In some instances, persons worked long distances from their place of residence. The enclosed tables present summaries of the more significant commutation flows and as a result, may not provide information for small numbers of persons, particularly those who worked or resided in non-contiguous counties or states.

The percentage of employed county residents who did not report their place of work ranged from a low of 3.2 percent in Seneca to 12.0 percent in Queens. Data in this report (both outcommutation and incommutation) have been adjusted on a pro-rata basis to include the non-respondents. In some cases, persons reported that they worked in New York City but did not indicate which county or borough within the city. Those persons were distributed to counties within the city on a pro-rata basis also.

For each area, totals are shown for employed residents and their place of work, persons working in the area and their place of residence, and net commutation. Data are presented for individual counties and metropolitan statistical areas (MSA's).

Definitions used for MSA's (shown below) are those that took effect in June 1983:

Metropolitan Statistical Areas	Counties
Albany-Schenectady-Troy	Albany, Montgomery, Greene Rensselaer, Saratoga and Schenectady
Binghamton	Broome and Tioga
Elmira	Chemung

Definitions (continued)

Metropolitan Statistical Areas	Counties
Glens Falls	Warren and Washington
Poughkeepsie	"Dutchess
Rochester	Livingston, Monroe, Ontario, Orleans and Wayne
Syracuse	Madison, Onondaga and Oswego
Utica-Rome	Herkimer and Oneida

Primary Metropolitan Statistical Areas	
Buffalo	Erie
Nassau-Suffolk	Nassau and Suffolk
New York	Bronx, Kings, New York, Putnam, Queens, Richmond, Rockland and Westchester
Niagara Falls	Niagara
Orange County	Orange

1980 COMMUTATION PATTERNS

ALBANY COUNTY

Residents at work	129,751
Work in county	113,650
Albany City	68,735
Work outside county	16,101
Work in other counties of MSA	13,922
Greene	748
Montgomery	99
Rensselaer	5,640
Troy City	3,630
Saratoga	1,262
Schenectady	6,173
Schenectady City	4,269
Work outside of MSA	2,179
New York State	1,555
Columbia	144
Schoharie	118
Warren	129
Other	1,164
Massachusetts	147
Elsewhere	477

Persons working in county	180,889
Live in county	113,650
Live outside county	67,239
Live in other counties of MSA	58,785
Greene	2,601
Montgomery	1,227
Rensselaer	26,481
Saratoga	15,355
Schenectady	13,121
Live outside of MSA	8,454
New York State	7,581
Columbia	2,976
Dutchess	115
Fulton	433
Oneida	128
Orange	109
Schoharie	1,048
Ulster	260
Warren	319
Washington	423

1980 COMMUTATION PATTERNS

ALBANY COUNTY (continued)

Other	1,770
Massachusetts	266
Berkshire	152
Vermont	105
Elsewhere	502
Net incommutation	51,138

1980 COMMUTATION PATTERNS

ALLEGANY COUNTY

Residents at work	18,582
Work in county	14,784
Work outside county	3,798
New York State	3,553
Cattaraugus	1,698
Olean City	1,084
Erie	135
Genesee	40
Livingston	264
Monroe	101
Steuben	585
Wyoming	388
Other	342
Pennsylvania	129
Potter	64
Other	65
Elsewhere	116
Persons working in county	17,072
Live in county	14,784
Live outside county	2,288
New York State	1,784
Cattaraugus	401
Chautauqua	53
Erie	54
Livingston	51
Monroe	47
Steuben	749
Wyoming	72
Other	357
Pennsylvania	411
McKean	74
Potter	292
Other	45
Elsewhere	93
Net outcommutation	1,510

1980 COMMUTATION PATTERNS

BRONX COUNTY

Residents at work	387,904
Work in county	144,750
Work outside county	243,154
Work in other counties of PMSA	229,645
New York City	210,603
Kings	12,351
New York	184,588
Queens	13,256
Westchester	18,213
Work outside of PMSA	13,509
New York State	3,199
Nassau	1,917
Other	1,282
Connecticut	1,119
Fairfield	1,011
New Jersey	8,402
Bergen	4,107
Hudson	1,943
Other	2,352
Elsewhere	789
Persons working in county	237,245
Live in county	144,750
Live outside county	92,495
Live in other counties of PMSA	71,368
New York City	38,930
Kings	6,895
New York	16,624
Queens	14,799
Putnam	1,450
Rockland	6,034
Westchester	24,954
Live outside of PMSA	21,127
New York State	11,626
Nassau	5,711
Orange	1,173
Suffolk	3,319
Other	1,423
Connecticut	1,341
Fairfield	1,214

1980 COMMUTATION PATTERNS

BRONX COUNTY (continued)

New Jersey	7,765
Bergen	4,929
Other	2,836
Elsewhere	395
Net outcommutation	150,659

1980 COMMUTATION PATTERNS

BROOME COUNTY

Residents at work	92,802
Work in county	86,930
Binghamton City	34,125
Endicott Village	14,847
Johnson City Village	10,861
Work outside county	5,872
Work in other county of MSA (Tioga)	2,843
Owego Village	151
Work outside of MSA	3,029
New York State	2,349
Chenango	670
Cortland	186
Delaware	506
Onondaga	153
Tompkins	127
Other	707
Pennsylvania	332
Susquehanna	200
Elsewhere	348
Persons working in county	99,996
Live in county	86,930
Live outside county	13,066
Live in other county of MSA (Tioga)	5,663
Live outside of MSA	7,403
New York State	3,065
Chenango	1,556
Cortland	215
Delaware	382
Onondaga	134
Tompkins	105
Other	673
Pennsylvania	4,121
Bradford	299
Lackawanna	241
Susquehanna	3,423
Other	158
Elsewhere	217
Net incommutation	7,194

1980 COMMUTATION PATTERNS

CATTARAUGUS COUNTY

Residents at work	33,442
Work in county	27,048
Olean City	11,083
Work outside county	6,394
New York State	5,450
Allegany	401
Chautauqua	1,215
Jamestown City	570
Erie	2,685
Buffalo City	501
Wyoming	1,009
Other	140
Pennsylvania	817
McKean	675
Bradford City	390
Other	142
Elsewhere	127
Persons working in county	32,850
Live in county	27,048
Live outside county	5,802
New York State	4,222
Allegany	1,698
Chautauqua	666
Erie	1,383
Wyoming	198
Other	277
Pennsylvania	1,405
McKean	969
Potter	395
Other	41
Elsewhere	175
Net outcommutation	592

1980 COMMUTATION PATTERNS

CAYUGA COUNTY

Residents at work	30,715
Work in county	22,581
Auburn City	14,639
Work outside county	8,134
New York State	7,978
Cortland	463
Cortland City	371
Monroe	258
Rochester City	161
Onondaga	3,725
Syracuse City	2,007
Ontario	126
Oswego	707
Fulton City	295
Seneca	950
Tompkins	1,250
Ithaca City	468
Wayne	431
Other	168
Elsewhere	156
Persons working in county	25,367
Live in county	22,581
Live outside county	2,786
New York State	2,655
Cortland	100
Onondaga	1,521
Ontario	62
Oswego	73
Seneca	190
Tompkins	271
Wayne	238
Other	200
Elsewhere	131
Net outcommutation	5,348

1980 COMMUTATION PATTERNS

CHAUTAUQUA COUNTY

Residents at work	58,482
Work in county	54,499
Dunkirk City	9,178
Falconer Village	3,123
Fredonia Village	4,443
Jamestown City	19,833
Work outside county	3,983
New York State	2,002
Allegany	53
Cattaraugus	666
Erie	1,112
Buffalo City	509
Other	171
Ohio	127
Pennsylvania	1,676
Erie	1,320
Erie City	515
North East Borough	505
Warren	241
Warren Borough	183
Other	115
Elsewhere	178
Persons working in county	58,439
Live in county	54,499
Live outside county	3,940
New York State	2,435
Cattaraugus	1,215
Erie	873
Other	347
Pennsylvania	1,312
Erie	429
Warren	783
Other	100
Elsewhere	193
Net outcommutation	43

1980 COMMUTATION PATTERNS

CHEMUNG COUNTY

Residents at work	37,854
Work in county	33,270
Elmira City	19,387
Work outside county	4,584
New York State	4,110
Broome	61
Schuyler	314
Steuben	2,580
Corning City	1,982
Tioga	563
Tompkins	327
Ithaca City	305
Other	265
Pennsylvania	350
Bradford	217
Other	133
Elsewhere	124
Persons working in county	39,352
Live in county	33,270
Live outside county	6,082
New York State	3,354
Schuyler	765
Steuben	1,567
Tioga	512
Tompkins	212
Other	298
Pennsylvania	2,619
Bradford	1,775
Tioga	780
Other	64
Elsewhere	109
Net incommutation	1,498

1980 COMMUTATION PATTERNS

CHENANGO COUNTY

Residents at work	19,891
Work in county	15,947
Work outside county	3,944
New York State	3,861
Broome	1,556
Binghamton City	857
Cortland	203
Cortland City	96
Delaware	1,339
Madison	271
Oneida	97
Onondaga	62
Otsego	221
Other	112
Elsewhere	83
Persons working in county	18,845
Live in county	15,947
Live outside county	2,898
New York State	2,812
Broome	670
Cortland	169
Delaware	361
Madison	520
Oneida	88
Onondaga	39
Otsego	836
Other	129
Elsewhere	86
Net outcommutation	1,046

1980 COMMUTATION PATTERNS

CLINTON COUNTY

Residents at work	30,061
Work in county	28,905
Plattsburgh City	18,106
Work outside county	1,156
New York State	885
Essex	403
Franklin	177
St. Lawrence	45
Other	260
Vermont	61
Elsewhere	210
Persons working in county	30,450
Live in county	28,905
Live outside county	1,545
New York State	1,293
Essex	929
Franklin	167
Other	197
Vermont	172
Grand Isle	115
Elsewhere	78
Net incommutation	389

1980 COMMUTATION PATTERNS

COLUMBIA COUNTY

Residents at work	24,021
Work in county	16,655
Hudson City	6,384
Work outside county	7,366
New York State	6,384
Albany	2,976
Albany City	2,463
Dutchess	1,146
Greene	383
New York	211
Rensselaer	913
Schenectady	84
Ulster	286
Kingston City	214
Westchester	123
Other	262
Connecticut	152
Litchfield	118
Massachusetts	721
Berkshire	702
Pittsfield City	391
Elsewhere	109
Persons working in county	18,728
Live in county	16,655
Live outside county	2,073
New York State	1,777
Albany	144
Dutchess	347
Greene	433
Rensselaer	374
Schenectady	47
Ulster	91
Other	341
Massachusetts	241
Berkshire	218
Elsewhere	55
Net outcommutation	5,293

1980 COMMUTATION PATTERNS

CORTLAND COUNTY

Residents at work	19,577
Work in county	16,701
Cortland City	11,578
Work outside county	2,876
New York State	2,830
Broome	215
Binghamton City	97
Cayuga	100
Chenango	169
Madison	66
Onondaga	960
Syracuse City	507
Tompkins	1,158
Ithaca City	550
Other	162
Elsewhere	46
Persons working in county	19,634
Live in county	16,701
Live outside county	2,933
New York State	2,903
Broome	186
Cayuga	463
Chenango	203
Madison	123
Onondaga	309
Tioga	103
Tompkins	1,372
Other	144
Elsewhere	30
Net incommutation	57

1980 COMMUTATION PATTERNS

DELAWARE COUNTY

Residents at work	17,720
Work in county	14,603
Work outside county	3,117
New York State	2,952
Albany	36
Broome	382
Binghamton City	112
Chenango	361
Greene	67
Orange	53
Otsego	1,275
Oneonta City	893
Schoharie	91
Sullivan	204
Ulster	181
Other	302
Elsewhere	165
Persons working in county	19,591
Live in county	14,603
Live outside county	4,988
New York State	4,508
Albany	31
Broome	506
Chenango	1,339
Greene	99
Otsego	1,744
Schoharie	399
Sullivan	129
Ulster	44
Other	217
Pennsylvania	413
Susquehanna	52
Wayne	357
Elsewhere	67
Net incommutation	1,871

1980 COMMUTATION PATTERNS

DUTCHESS COUNTY

Residents at work	99,801
Work in county	82,620
Poughkeepsie City	14,079
Work outside county	17,181
New York State	15,079
Columbia	347
New York PMSA	10,427
New York City	2,712
Bronx	645
New York	1,717
Putnam	1,577
Rockland	208
Westchester	5,930
White Plains City	1,154
Orange	1,389
Newburgh City	921
Ulster	2,254
Kingston City	1,483
Other	662
Connecticut	1,451
Fairfield	708
Litchfield	705
New Jersey	318
Elsewhere	333
Persons working in county	98,195
Live in county	82,620
Live outside county	15,575
New York State	14,081
Columbia	1,146
New York PMSA	3,114
New York City	527
Putnam	1,608
Westchester	843
Orange	3,159
Ulster	6,025
Other	637
Connecticut	996
Fairfield	334
Litchfield	570
New Jersey	159
Elsewhere	339
Net outcommutation	1,606

1980 COMMUTATION PATTERNS

ERIE COUNTY

Residents at work	408,061
Work in county	388,937
Buffalo City	189,855
Depew Village	6,900
Lackawanna City	7,238
Tonawanda City	3,984
Work outside county	19,124
New York State	17,652
Cattaraugus	1,383
Dunkirk City	231
Chautauqua	873
Genesee	814
Batavia City	554
Monroe	402
Niagara	12,510
Lockport City	881
Niagara Falls City	4,250
North Tonawanda City	3,464
Wyoming	386
Other	1,284
Ohio	261
Pennsylvania	239
Elsewhere	972
Persons working in county	415,810
Live in county	388,937
Live outside county	26,873
New York State	25,454
Cattaraugus	2,685
Chautauqua	1,112
Genesee	1,722
Monroe	322
Niagara	16,347
Wyoming	2,030
Other	1,236
Pennsylvania	220
Elsewhere	1,199
Net incommutation	7,749

1980 COMMUTATION PATTERNS

ESSEX COUNTY

Residents at work	12,542
Work in county	10,127
Work outside county	2,415
New York State	2,063
Albany	40
Clinton	929
Plattsburgh City	536
Franklin	648
Warren	256
Glens Falls City	62
Washington	60
Other	130
Vermont	284
Addison	236
Chittenden	38
Elsewhere	68

Persons working in county	12,120
Live in county	10,127
Live outside county	1,993
New York State	1,852
Clinton	403
Franklin	789
Hamilton	44
Warren	265
Washington	148
Other	203
Elsewhere	141

Net outcommutation	422

1980 COMMUTATION PATTERNS

FRANKLIN COUNTY

Residents at work	15,456
Work in county	12,784
Work outside county	2,652
New York State	2,524
Clinton	167
Essex	789
St. Lawrence	1,367
Other	201
Elsewhere	128
Persons working in county	14,393
Live in county	12,784
Live outside county	1,589
New York State	1,548
Clinton	177
Essex	648
St. Lawrence	428
Other	295
Elsewhere	41
Net outcommutation	1,063

1980 COMMUTATION PATTERNS

FULTON COUNTY

Residents at work	21,436
Work in county	16,115
Gloversville City	7,782
Johnstown City	5,598
Work outside county	5,321
New York State	5,221
Albany	433
Albany City	313
Hamilton	37
Herkimer	461
Montgomery	2,503
Amsterdam City	1,398
Oneida	47
Saratoga	173
Schenectady	1,414
Schenectady City	1,308
Other	153
Elsewhere	100
Persons working in county	18,004
Live in county	16,115
Live outside county	1,889
New York State	1,851
Albany	34
Hamilton	155
Herkimer	159
Montgomery	1,045
Saratoga	307
Schenectady	52
Other	99
Elsewhere	38
Net outcommutation	3,432

1980 COMMUTATION PATTERNS

GENESEE COUNTY

Residents at work	24,598
Work in county	17,909
Batavia City	11,153
Work outside county	6,689
New York State	6,590
Erie	1,722
Buffalo City	496
Livingston	431
Monroe	3,267
Rochester City	2,431
Niagara	169
Lockport City	112
Orleans	397
Wyoming	467
Other	137
Elsewhere	99
Persons working in county	21,978
Live in county	17,909
Live outside county	4,069
New York State	3,931
Erie	814
Livingston	406
Monroe	544
Niagara	146
Orleans	360
Wyoming	1,444
Other	217
Elsewhere	138
Net outcommutation	2,620

1980 COMMUTATION PATTERNS

GREENE COUNTY

Residents at work	14,658
Work in county	9,883
Work outside county	4,775
Work in other counties of MSA	2,786
Albany	2,601
Albany City	1,379
Rensselaer	98
Schenectady	61
Work outside of MSA	1,989
New York State	1,816
Columbia	433
Hudson City	336
Delaware	99
Dutchess	114
Schoharie	97
Ulster	626
Kingston City	325
Other	447
Elsewhere	173
Persons working in county	12,371
Live in county	9,883
Live outside county	2,488
Live in other counties of MSA	872
Albany	748
Rensselaer	93
Live outside of MSA	1,616
New York State	1,493
Columbia	383
Delaware	67
Dutchess	60
Schoharie	167
Ulster	540
Other	276
Elsewhere	123
Net outcommutation	2,287

1980 COMMUTATION PATTERNS

HAMILTON COUNTY

Residents at work	1,598
Work in county	1,178
Work outside county	418
New York State	404
Essex	44
Fulton	155
Gloversville City	58
Herkimer	32
Montgomery	24
Warren	42
Other	107
Elsewhere	14
Persons working in county	1,278
Live in county	1,178
Live outside county	98
New York State	94
Fulton	37
Herkimer	29
Other	28
Elsewhere	4
Net outcommutation	320

1980 COMMUTATION PATTERNS

HERKIMER COUNTY

Residents at work	25,453
Work in county	17,527
Work outside county	7,926
Work in other county of MSA (Oneida)	6,437
Rome City	207
Utica City	4,598
Work outside of MSA	1,489
New York State	1,414
Albany	58
Fulton	159
Hamilton	29
Madison	35
Montgomery	523
Onondaga	107
Otsego	237
Other	266
Elsewhere	75
Persons working in county	20,607
Live in county	17,527
Live outside county	3,078
Live in other county of MSA (Oneida)	1,174
Live outside of MSA	1,906
New York State	1,754
Albany	31
Fulton	461
Hamilton	32
Madison	67
Montgomery	341
Otsego	564
Schenectady	30
Other	228
Elsewhere	152
Net outcommutation	4,846

1980 COMMUTATION PATTERNS

JEFFERSON COUNTY

Residents at work	31,923
Work in county	30,727
Watertown City	17,867
Work outside county	1,196
New York State	1,078
Lewis	263
Onondaga	214
Syracuse City	178
Oswego	221
St. Lawrence	235
Other	145
Elsewhere	118
Persons working in county	33,082
Live in county	30,727
Live outside county	2,355
New York State	1,870
Lewis	911
Oneida	48
Onondaga	66
Oswego	219
St. Lawrence	389
Other	237
Elsewhere	485
Net incommutation	1,159

1980 COMMUTATION PATTERNS

KINGS COUNTY

Residents at work	793,433
Work in county	369,361
Work outside county	424,072
Work in other counties of PMSA	398,796
New York City	396,028
Bronx	6,895
New York	342,196
Queens	42,981
Richmond	3,956
Westchester	2,304
Work outside of PMSA	25,276
New York State	9,518
Nassau	7,186
Suffolk	1,414
Other	918
New Jersey	13,560
Bergen	2,855
Essex	1,828
Hudson	4,818
Middlesex	1,164
Union	1,420
Other	1,475
Elsewhere	2,198

Persons working in county	560,630
Live in county	369,361
Live outside county	191,269
Live in other counties of PMSA	136,259
New York City	127,711
Bronx	12,351
New York	30,457
Queens	67,968
Richmond	16,935
Rockland	1,663
Westchester	6,661

1980 COMMUTATION PATTERNS

KINGS COUNTY (continued)

Live outside of PMSA	55,010
New York State	41,235
Nassau	28,293
Suffolk	11,646
Other	1,296
New Jersey	11,445
Bergen	2,627
Essex	1,040
Hudson	2,638
Middlesex	1,184
Monmouth	1,323
Other	2,633
Elsewhere	2,330
Net outcommutation	232,783

1980 COMMUTATION PATTERNS

LEWIS COUNTY

Residents at work	9,057
Work in county	7,277
Lowville Village	65
Work outside county	1,778
New York State	1,752
Jefferson	911
Watertown City	359
Oneida	638
Rome City	140
Oswego	28
St. Lawrence	105
Other	70
Elsewhere	28

Persons working in county	7,974
Live in county	7,277
Live outside county	697
New York State	609
Jefferson	263
Oneida	184
St. Lawrence	89
Other	73
Elsewhere	88

Net outcommutation	1,083

1980 COMMUTATION PATTERNS

LIVINGSTON COUNTY

Residents at work	23,405
Work in county	15,622
Work outside county	7,783
Work in other counties of MSA	6,348
Monroe	6,093
Rochester City	3,214
Ontario	226
Canandaigua City	89
Work outside of MSA	1,435
New York State	1,333
Allegany	51
Erie	57
Genesee	406
Steuben	426
Wyoming	317
Other	76
Elsewhere	102
Persons working in county	19,117
Live in county	15,622
Live outside county	3,495
Live in other counties of MSA	1,013
Monroe	629
Ontario	366
Live outside of MSA	2,482
New York State	2,427
Allegany	264
Erie	62
Genesee	431
Steuben	1,142
Wyoming	422
Other	106
Elsewhere	55
Net outcommutation	4,288

1980 COMMUTATION PATTERNS

MADISON COUNTY

Residents at work	25,029
Work in county	13,888
Oneida City	3,106
Work outside county	11,141
Work in other counties of MSA	7,725
Onondaga	7,673
Syracuse City	2,594
Oswego	52
Work outside of MSA	3,416
New York State	3,278
Chenango	520
Cortland	123
Herkimer	67
Oneida	2,186
Rome City	298
Utica City	352
Otsego	66
Other	318
Elsewhere	136
Persons working in county	17,878
Live in county	13,888
Live outside county	3,992
Live in other counties of MSA	791
Onondaga	739
Oswego	52
Live outside of MSA	3,201
New York State	3,051
Chenango	271
Cortland	66
Herkimer	35
Oneida	2,377
Otsego	57
Other	245
Elsewhere	150
Net outcommutation	7,149

1980 COMMUTATION PATTERNS

MONROE COUNTY

Residents at work	316,678
Work in county	308,768
Rochester City	186,289
Work outside county	7,912
Work in other counties of MSA	4,935
Livingston	629
Ontario	2,278
Canandaigua City	411
Orleans	405
Wayne	1,621
Work outside of MSA	2,977
New York State	1,650
Erie	322
Buffalo City	257
Genesee	544
Other	784
Elsewhere	1,327
Persons working in county	345,610
Live in county	308,768
Live outside county	36,842
Live in other counties of MSA	29,584
Livingston	6,093
Ontario	8,379
Orleans	4,317
Wayne	10,795
Live outside of MSA	7,258
New York State	6,277
Cayuga	258
Erie	402
Genesee	3,267
Onondaga	216
Seneca	236
Steuben	410
Wyoming	385
Yates	320
Other	783
Elsewhere	981
Net incommutation	28,930

1980 COMMUTATION PATTERNS

MONTGOMERY COUNTY

Residents at work	21,567
Work in county	15,713
Amsterdam City	8,074
Work outside county	5,854
Work in other counties of MSA	4,013
Albany	1,227
Albany City	815
Saratoga	93
Schenectady	2,689
Schenectady City	2,091
Work outside of MSA	1,841
New York State	1,790
Fulton	1,045
Gloversville City	369
Herkimer	341
Oneida	69
Schoharie	188
Other	147
Elsewhere	51
Persons working in county	20,612
Live in county	15,713
Live outside county	4,899
Live in other counties of MSA	1,271
Albany	99
Saratoga	511
Schenectady	614
Live outside of MSA	3,628
New York State	3,549
Fulton	2,503
Herkimer	523
Otsego	84
Schoharie	217
Other	222
Elsewhere	79
Net outcommutation	955

1980 COMMUTATION PATTERNS

NASSAU COUNTY

Residents at work	615,611
Work in county	367,023
Work outside county	248,588
Work in other county of PMSA (Suffolk)	34,608
Work outside of PMSA	213,978
New York State	207,305
New York PMSA	205,831
New York City	203,073
Bronx	5,711
Kings	28,293
New York	110,203
Queens	58,283
Richmond	583
Westchester	2,525
Other	1,474
Connecticut	871
Fairfield	702
New Jersey	3,644
Bergen	1,267
Hudson	872
Other	1,505
Elsewhere	2,160
Persons working in county	513,998
Live in county	367,023
Live outside county	146,975
Live in other county of PMSA (Suffolk)	84,634
Live outside of PMSA	62,341
New York State	58,886
New York PMSA	58,158
New York City	56,359
Bronx	1,917
Kings	7,186
New York	3,386
Queens	43,471
Westchester	1,394
Other	728
Connecticut	529

1980 COMMUTATION PATTERNS

NASSAU COUNTY (continued)

New Jersey	1,705
Bergen	601
Other	1,104
Elsewhere	1,221
Net outcommutation	101,613

1980 COMMUTATION PATTERNS

NEW YORK COUNTY

Residents at work	679,599
Work in county	576,060
Work outside county	103,539
Work in other counties of PMSA	74,100
New York City	67,935
Bronx	16,624
Kings	30,457
Queens	17,315
Richmond	3,539
Westchester	5,592
Work outside of PMSA	29,439
New York State	5,606
Nassau	3,386
Suffolk	1,014
Other	1,006
Connecticut	1,797
Fairfield	1,236
New Jersey	16,449
Bergen	6,400
Essex	2,661
Hudson	3,241
Other	4,147
Elsewhere	5,787

Persons working in county	1,981,335
Live in county	576,060
Live outside county	1,405,275
Live in other counties of PMSA	1,036,816
New York City	944,487
Bronx	184,588
Kings	342,196
Queens	365,766
Richmond	51,937
Putnam	2,689
Rockland	17,475
Westchester	72,165

1980 COMMUTATION PATTERNS

NEW YORK COUNTY (continued)

Live outside of PMSA	368,459
New York State	154,782
Dutchess	1,717
Nassau	110,203
Orange	4,761
Suffolk	35,874
Other	2,247
Connecticut	22,541
Fairfield	20,251
New Haven	1,075
Other	1,215
Massachusetts	1,042
New Jersey	181,656
Bergen	58,484
Essex	19,366
Hudson	33,932
Mercer	3,624
Middlesex	15,565
Monmouth	14,232
Morris	8,521
Ocean	2,618
Passaic	6,489
Somerset	3,246
Sussex	1,424
Union	12,030
Other	2,125
Pennslyvania	3,696
Bucks	1,404
Other	2,292
Elsewhere	4,722
Net incommutation	1,301,736

1980 COMMUTATION PATTERNS

NIAGARA COUNTY

Residents at work	91,781
Work in county	73,922
Lockport City	11,443
Niagara Falls City	30,120
North Tonawanda City	6,917
Work outside county	17,859
New York State	17,586
Erie	16,347
Buffalo City	5,659
Tonawanda City	1,300
Genesee	146
Monroe	99
Orleans	619
Other	375
Elsewhere	273
Persons working in county	88,197
Live in county	73,922
Live outside county	14,275
New York State	14,055
Erie	12,510
Genesee	169
Orleans	1,086
Other	290
Elsewhere	220
Net outcommutation	3,584

1980 COMMUTATION PATTERNS

ONEIDA COUNTY

Residents at work	98,725
Work in county	91,786
Rome City	18,284
Utica City	37,691
Work outside county	6,939
Work in other county of MSA (Herkimer)	1,174
Work outside of MSA	5,765
New York State	5,203
Albany	128
Chenango	88
Lewis	184
Madison	2,377
Onondaga	1,445
Syracuse City	1,123
Oswego	358
Otsego	63
Other	560
Elsewhere	562
Persons working in county	103,136
Live in county	91,786
Live outside county	11,350
Live in other county of MSA (Herkimer)	6,437
Live outside of MSA	4,913
New York State	4,545
Chenango	97
Fulton	47
Lewis	638
Madison	2,186
Montgomery	69
Onondaga	320
Oswego	277
Otsego	415
Other	496
Elsewhere	368
Net incommutation	4,411

1980 COMMUTATION PATTERNS

ONONDAGA COUNTY

Residents at work	200,632
Work in county	192,346
Syracuse City	103,904
Work outside county	8,286
Work in other counties of MSA	3,724
Madison	739
Oswego	2,985
Fulton City	1,582
Work outside of MSA	4,562
New York State	3,826
Broome	134
Cayuga	1,521
Auburn City	1,290
Cortland	309
Monroe	216
Oneida	320
Other	1,326
Elsewhere	736

Persons working in county	218,367
Live in county	192,346
Live outside county	26,021
Live in other counties of MSA	17,035
Madison	7,673
Oswego	9,362
Live outside of MSA	8,986
New York State	8,219
Broome	153
Cayuga	3,725
Cortland	960
Herkimer	107
Jefferson	214
Monroe	132
Oneida	1,445
Ontario	108

1980 COMMUTATION PATTERNS

ONONDAGA COUNTY (continued)

Tompkins	166
Wayne	121
Other	1,088
Elsewhere	767
Net incommutation	17,735

1980 COMMUTATION PATTERNS

ONTARIO COUNTY

Residents at work	38,093
Work in county	24,786
Canandaigua	7,951
Geneva City (part)	6,443
Work outside county	13,287
Work in other counties of MSA	10,858
Livingston	366
Monroe	8,379
Rochester City	4,659
Wayne	2,113
Newark Village	598
Work outside of MSA	2,429
New York State	2,207
Cayuga	62
Onondaga	108
Seneca	1,219
Steuben	121
Tioga	221
Yates	323
Other	153
Elsewhere	222
Persons working in county	32,624
Live in county	24,786
Live outside county	7,818
Live in other counties of MSA	3,462
Livingston	226
Monroe	2,278
Wayne	951
Live outside of MSA	4,356
New York State	4,181
Cayuga	126
Seneca	1,704
Steuben	282
Yates	1,361
Other	708
Elsewhere	175
Net outcommutation	5,469

1980 COMMUTATION PATTERNS

ORANGE COUNTY

Residents at work	105,688
Work in county	78,828
Newburgh City	16,065
Middletown City	15,775
Port Jervis City	3,749
Walden Village	1,517
Work outside county	24,860
New York State	18,816
Dutchess	3,159
New York PMSA	13,075
New York City	6,652
Bronx	1,173
Kings	491
New York	4,761
Rockland	4,561
Westchester	1,777
Sullivan	631
Ulster	1,412
Other	539
New Jersey	5,064
Bergen	3,581
Passaic	441
Sussex	461
Other	581
Pennsylvania	471
Pike	360
Elsewhere	509

Persons working in county	94,857
Live in county	78,828
Live outside county	14,029
New York State	11,219
Dutchess	1,389
Nassau	354
New York PMSA	1,899
New York City	392
Rockland	865
Westchester	392
Suffolk	659
Sullivan	2,118
Ulster	4,398
Other	402

1980 COMMUTATION PATTERNS

ORANGE COUNTY (continued)

New Jersey	1,233
Bergen	351
Sussex	486
Pennsylvania	1,331
Pike	1,164
Elsewhere	246
Net outcommutation	10,831

1980 COMMUTATION PATTERNS

ORLEANS COUNTY

Residents at work	15,483
Work in county	9,387
Medina Village	2,737
Work outside county	6,096
Work in other counties of MSA	4,328
Monroe	4,317
Rochester City	2,344
Work outside of MSA	1,768
New York State	1,728
Erie	149
Buffalo City	97
Genesee	360
Niagara	1,086
Lockport City	598
Other	133
Elsewhere	40
Persons working in county	11,043
Live in county	9,387
Live outside county	1,656
Live in other counties of MSA	437
Monroe	405
Live outside of MSA	1,219
New York State	1,206
Erie	132
Genesee	397
Niagara	619
Other	58
Elsewhere	13
Net outcommutation	4,440

1980 COMMUTATION PATTERNS

OSWEGO COUNTY

Residents at work	40,344
Work in county	29,813
Fulton City	8,532
Oswego City	11,713
Work outside county	10,531
Work in other counties of MSA	9,414
Madison	52
Onondaga	9,362
Syracuse City	3,874
Work outside of MSA	1,117
New York State	998
Cayuga	73
Jefferson	219
Watertown City	103
Monroe	73
Oneida	277
Other	356
Elsewhere	119
Persons working in county	34,920
Live in county	29,813
Live outside county	5,107
Live in other counties of MSA	3,037
Madison	52
Onondaga	2,985
Live outside of MSA	2,070
New York State	1,878
Cayuga	707
Jefferson	221
Oneida	358
Wayne	115
Other	479
Elsewhere	190
Net outcommutation	5,424

1980 COMMUTATION PATTERNS

OTSEGO COUNTY

Residents at work	22,856
Work in county	18,319
Oneonta City	9,270
Work outside county	4,537
New York State	4,450
Albany	51
Broome	81
Chenango	836
Delaware	1,744
Herkimer	564
Madison	57
Montgomery	84
Oneida	415
Utica City	207
Schenectady	85
Schoharie	186
Other	347
Elsewhere	87
Persons working in county	21,091
Live in county	18,319
Live outside county	2,772
New York State	2,386
Albany	82
Chenango	221
Delaware	1,275
Herkimer	237
Madison	66
Oneida	63
Schoharie	118
Other	324
Elsewhere	386
Net outcommutation	1,765

1980 COMMUTATION PATTERNS

PUTNAM COUNTY

Residents at work	34,034
Work in county	10,757
Work outside county	23,277
Work in other counties of PMSA	19,178
New York City	4,519
Bronx	1,450
Kings	224
New York	2,689
Queens	142
Rockland	185
Westchester	14,476
Work outside of PMSA	4,097
New York State	2,086
Dutchess.	1,608
Nassau	142
Orange	250
Other	86
Connecticut	1,674
Fairfield	1,612
New Jersey	150
Elsewhere	187
Persons working in county	15,219
Live in county	10,757
Live outside county	4,462
Live in other counties of PMSA	1,761
New York City	93
Rockland	77
Westchester	1,591
Live outside of PMSA	2,701
New York State	1,892
Dutchess	1,577
Orange	85
Ulster	58
Other	172
Connecticut	735
Fairfield	693
Elsewhere	74
Net outcommutation	18,815

1980 COMMUTATION PATTERNS

QUEENS COUNTY

Residents at work	826,681
Work in county	306,591
Work outside county	520,090
Work in other counties of PMSA	455,615
New York City	449,636
Bronx	14,799
Kings	67,968
New York	365,766
Richmond	1,103
Westchester	5,491
Work outside of PMSA	64,475
New York State	49,356
Nassau	43,471
Suffolk	4,493
Other	1,392
Connecticut	1,306
Fairfield	1,197
New Jersey	11,438
Bergen	3,830
Essex	1,398
Hudson	3,373
Other	2,837
Elsewhere	2,375

Persons working in county	483,187
Live in county	306,591
Live outside county	176,596
Live in other counties of PMSA	81,332
New York City	75,843
Bronx	13,256
Kings	42,981
New York	17,315
Richmond	2,291
Rockland	1,219
Westchester	4,128
Live outside of PMSA	95,264
New York State	83,355
Nassau	58,283
Suffolk	24,139
Other	933

1980 COMMUTATION PATTERNS

QUFENS COUNTY (continued)

Connecticut	1,736
Fairfield	1,324
New Jersey	7,982
Bergen	2,895
Hudson	1,476
Other	3,611
Elsewhere	2,191
Net outcommutation	343,494

1980 COMMUTATION PATTERNS

RENSSELAER COUNTY

Residents at work	62,355
Work in county	30,479
Troy City	17,719
Work outside county	31,876
Work in other counties of MSA	29,155
Albany	26,481
Albany City	15,578
Greene	93
Saratoga	1,409
Schenectady	1,148
Schenectady City	779
Work outside of MSA	2,721
New York State	952
Columbia	374
Warren	90
Washington	175
Other	313
Massachusetts	366
Berkshire	303
Vermont	1,020
Bennington	990
Elsewhere	383
Persons working in county	41,659
Live in county	30,479
Live outside county	11,178
Live in other counties of MSA	8,384
Albany	5,640
Greene	98
Saratoga	1,936
Schenectady	706
Live outside of MSA	2,796
New York State	2,406
Columbia	913
Washington	495
Other	998
Massachusetts	89
Berkshire	71
Vermont	192
Bennington	192
Elsewhere	109
Net outcommutation	20,696

1980 COMMUTATION PATTERNS

RICHMOND COUNTY

Residents at work	141,021
Work in county	59,824
Work outside county	81,197
Work in other counties of PMSA	72,131
New York City	71,775
Bronx	612
Kings	16,935
New York	51,937
Queens	2,291
Work outside of PMSA	9,066
New York State	835
Nassau	399
Other	436
New Jersey	7,937
Bergen	783
Essex	812
Hudson	1,890
Middlesex	1,716
Union	1,701
Other	1,035
Elsewhere	294
Persons working in county	78,145
Live in county	59,824
Live outside county	18,321
Live in other counties of PMSA	11,151
New York City	9,006
Kings	3,956
New York	3,539
Queens	1,103
Westchester	1,905
Live outside of PMSA	7,170
New York State	1,573
Nassau	583
Suffolk	960
Other	30
New Jersey	5,121
Hudson	666

1980 COMMUTATION PATTERNS

RICHMOND COUNTY (continued)

Middlesex	1,074
Monmouth	1,075
Union	637
Other	1,669
Elsewhere	476
Net outcommutation	62,876

1980 COMMUTATION PATTERNS

ROCKLAND COUNTY

Residents at work	116,473
Work in county	64,552
Work outside county	51,921
Work in other counties of PMSA	35,335
New York City	26,617
Bronx	6,034
Kings	1,663
New York	17,475
Queens	1,219
Westchester	8,641
Work outside of PMSA	16,586
New York State	1,787
Orange	865
Other	922
Connecticut	550
Fairfield	529
New Jersey	13,949
Bergen	11,461
Essex	569
Hudson	582
Passaic	629
Other	708
Elsewhere	300

Persons working in county	78,216
Live in county	64,552
Live outside county	15,664
Live in other counties of PMSA	4,284
New York City	2,327
Bronx	787
Kings	464
New York	512
Queens	478
Westchester	1,772

1980 COMMUTATION PATTERNS

ROCKLAND COUNTY (continued)

Live outside pf PMSA	11,378
New York State	5,707
Orange	4,561
Other	1,146
New Jersey	5,356
Bergen	4,152
Passaic	560
Other	644
Elsewhere	317
Net outcommutation	36,257

1980 COMMUTATION PATTERNS

ST. LAWRENCE COUNTY

Residents at work	38,003
Work in county	36,598
Ogdensburg City	6,373
Work outside county	1,405
New York State	1,206
Franklin	428
Jefferson	389
Watertown City	198
Lewis	89
Onondaga	66
Other	234
Elsewhere	199
Persons working in county	38,964
Live in county	36,598
Live outside county	2,366
New York State	2,193
Franklin	1,367
Jefferson	235
Lewis	105
Onondaga	81
Other	405
Elsewhere	173
Net incommutation	961

1980 COMMUTATION PATTERNS

SARATOGA COUNTY

Residents at work	64,132
Work in county	31,163
Saratoga Springs City	8,336
Work outside county	32,969
Work in other counties of MSA	25,812
Albany	15,355
Albany City	8,031
Montgomery	511
Amsterdam City	476
Rensselaer	1,936
Troy City	1,666
Schenectady	7,998
Schenectady City	5,893
Work outside of MSA	7,157
New York State	6,503
Fulton	307
Warren	3,939
Glens Falls City	3,319
Washington	1,623
Other	634
Elsewhere	654
Persons working in county	38,411
Live in county	31,163
Live outside county	7,248
Live in other counties of MSA	4,183
Albany	1,262
Montgomery	93
Rensselaer	1,409
Schenectady	1,416
Live outside of MSA	3,065
New York State	2,849
Fulton	173
Ulster	151
Warren	1,290
Washington	971
Other	264
Elsewhere	216
Net outcommutation	25,721

1980 COMMUTATION PATTERNS

SCHENECTADY COUNTY

Residents at work	63,028
Work in county	46,154
Schenectady City	33,349
Work outside county	16,874
Work in other counties of MSA	15,876
Albany	13,121
Albany City	7,214
Montgomery	614
Amsterdam City	503
Rensselaer	706
Troy City	391
Saratoga	1,416
Work outside of MSA	998
New York State	657
Columbia	47
Fulton	52
Schoharie	144
Other	414
Elsewhere	341
Persons working in county	67,411
Live in county	46,154
Live outside county	21,257
Live in other counties of MSA	18,069
Albany	6,173
Greene	61
Montgomery	2,689
Rensselaer	1,148
Saratoga	7,998
Live outside of MSA	3,188
New York State	2,999
Columbia	84
Fulton	1,414
Otsego	85
Schoharie	1,083
Warren	96
Other	237
Elsewhere	189
Net incommutation	4,383

1980 COMMUTATION PATTERNS

SCHOHARIE COUNTY

Residents at work	10,387
Work in county	6,851
Work outside county	3,536
New York State	3,426
Albany	1,048
Albany City	690
Delaware	399
Greene	167
Montgomery	217
Otsego	118
Schenectady	1,083
Schenectady City	924
Other	394
Elsewhere	110
Persons working in county	7,927
Live in county	6,851
Live outside county	1,076
New York State	1,042
Albany	118
Delaware	91
Greene	97
Montgomery	188
Otsego	186
Schenectady	144
Other	218
Elsewhere	34
Net outcommutation	2,460

1980 COMMUTATION PATTERNS

SCHUYLER COUNTY

Residents at work	6,811
Work in county	3,686
Work outside county	3,125
New York State	3,096
Chemung	765
Elmira City	352
Seneca	77
Steuben	719
Corning City	333
Tompkins	1,264
Ithaca City	1,137
Yates	190
Other	81
Elsewhere	29
Persons working in county	4,548
Live in county	3,686
Live outside county	862
New York State	797
Chemung	314
Seneca	21
Steuben	93
Tioga	33
Tompkins	87
Yates	132
Other	117
Elsewhere	65
Net outcommutation	2,263

1980 COMMUTATION PATTERNS

SENECA COUNTY

Residents at work	14,195
Work in county	10,711
Geneva City (part)	73
Work outside county	3,484
New York State	3,460
Cayuga	190
Auburn City	157
Monroe	236
Rochester City	184
Onondaga	59
Ontario	1,704
Geneva City (part)	1,248
Schuyler	21
Tompkins	663
Ithaca City	553
Wayne	481
Yates	39
Other	67
Elsewhere	24
Persons working in county	13,995
Live in county	10,711
Live outside county	3,284
New York State	3,232
Cayuga	950
Monroe	29
Onondaga	49
Ontario	1,219
Schuyler	77
Tompkins	143
Wayne	463
Yates	179
Other	123
Elsewhere	52
Net outcommutation	200

1980 COMMUTATION PATTERNS

STEUBEN COUNTY

Residents at work	38,414
Work in county	33,499
Corning City	10,025
Hornell City	5,239
Work outside county	4,915
New York State	4,755
Allegany	749
Chemung	1,567
Elmira City	546
Livingston	1,142
Monroe	410
Rochester City	292
Ontario	282
Schuyler	93
Yates	234
Other	278
Pennsylvania	125
Tioga	85
Other	40
Elsewhere	35
Persons working in county	41,342
Live in county	33,499
Live outside county	7,843
New York State	5,088
Allegany	585
Chemung	2,578
Livingston	426
Monroe	66
Ontario	121
Schuyler	719
Yates	227
Other	364
Ohio	1,041
Pennsylvania	1,568
Bradford	74
Tioga	1,398
Other	96
Elsewhere	146
Net incommutation	2,928

1980 COMMUTATION PATTERNS

SUFFOLK COUNTY

Residents at work	523,577
Work in county	356,347
Work outside county	167,230
Work in other county of PMSA (Nassau)	84,634
Work outside of PMSA	82,596
New York State	78,910
New York PMSA	77,171
New York City	75,938
Bronx	3,319
Kings	11,646
New York	35,874
Queens	24,139
Richmond	960
Westchester	1,070
Orange	659
Other	1,078
Connecticut	307
New Jersey	1,619
Bergen	574
Hudson	365
Other	678
Elsewhere	1,760
Persons working in county	400,711
Live in county	356,347
Live outside county	44,364
Live in other county of PMSA (Nassau)	34,608
Live outside of PMSA	9,756
New York State	8,502
New York PMSA	8,112
New York City	7,690
Bronx	697
Kings	1,414
New York	1,014
Queens	4,493
Westchester	338
Other	390
New Jersey	410
Elsewhere	844
Net outcommutation	122,866

1980 COMMUTATION PATTERNS

SULLIVAN COUNTY

Residents at work	23,590
Work in county	19,017
Work outside county	4,573
New York State	3,940
Delaware	129
Dutchess	133
New York PMSA	810
New York City	649
Bronx	67
Kings	75
New York	430
Queens	77
Rockland	113
Westchester	48
Orange	2,118
Middletown City	875
Newburgh City	154
Ulster	565
Other	185
New Jersey	347
Pennsylvania	189
Elsewhere	97
Persons working in county	21,667
Live in county	19,017
Live outside county	2,650
New York State	1,988
Delaware	204
New York PMSA	403
New York City	215
Rockland	140
Westchester	48
Orange	631
Ulster	607
Other	143
New Jersey	169
Pennsylvania	446
Pike	95
Wayne	291
Other	60
Elsewhere	47
Net outcommutation	1,923

1980 COMMUTATION PATTERNS

TIOGA COUNTY

Residents at work	20,598
Work in county	10,634
Owego Village	1,921
Work outside county	9,964
Work in other county of MSA (Broome)	5,663
Binghamton City	1,000
Endicott Village	2,285
Johnson City Village	553
Work outside of MSA	4,301
New York State	2,664
Chemung	512
Elmira City	259
Cortland	103
Onondaga	32
Schuyler	33
Tompkins	1,774
Ithaca City	1,661
Other	210
Pennsylvania	1,568
Bradford	1,530
Sayre Borough	1,009
Elsewhere	69
Persons working in county	17,048
Live in county	10,634
Live outside county	6,414
Live in other county of MSA (Broome)	2,843
Live outside of MSA	3,571
New York State	1,961
Chemung	563
Ontario	221
Tompkins	125
Wayne	935
Other	117
Pennsylvania	1,551
Bradford	1,379
Susquehanna	130
Elsewhere	59
Net outcommutation	3,550

1980 COMMUTATION PATTERNS

TOMPKINS COUNTY

Residents at work	39,876
Work in county	36,943
Ithaca City	30,854
Work outside county	2,933
New York State	2,659
Broome	105
Cayuga	271
Chemung	212
Cortland	1,372
Cortland City	1,214
Onondaga	166
Syracuse City	145
Schuyler	87
Seneca	143
Tioga	125
Other	178
Elsewhere	274
Persons working in county	44,191
Live in county	36,943
Live outside county	7,248
New York State	6,944
Broome	127
Cayuga	1,150
Chemung	327
Cortland	1,158
Onondaga	65
Schuyler	1,264
Seneca	663
Tioga	1,774
Other	416
Pennsylvania	86
Elsewhere	218
Net incommutation	4,315

1980 COMMUTATION PATTERNS

ULSTER COUNTY

Residents at work	65,267
Work in county	50,827
Kingston City	20,903
Work outside county	14,440
New York State	13,867
Albany	260
Albany City	237
Dutchess	6,025
Greene	540
New York PMSA	1,602
New York City	1,101
Bronx	115
Kings	260
New York	611
Queens	105
Rockland	138
Westchester	305
Orange	4,398
Middletown City	525
Newburgh City	1,943
Saratoga	151
Sullivan	607
Other	284
New Jersey	219
Elsewhere	354
Persons working in county	57,021
Live in county	50,827
Live outside county	6,194
New York State	5,790
Columbia	286
Delaware	181
Dutchess	2,254
Greene	626
Orange	1,412
Sullivan	565
Other	466
Elsewhere	404
Net outcommutation	8,246

1980 COMMUTATION PATTERNS

WARREN COUNTY

Residents at work	20,484
Work in county	16,456
Glens Falls City	10,426
Work outside county	4,028
Work in other county of MSA (Washington)	1,565
Hudson Falls Village	676
Work outside of MSA	2,463
New York State	2,260
Albany	319
Albany City	237
Essex	265
Saratoga	1,290
Saratoga Springs City	128
Schenectady	96
Other	290
Elsewhere	203
Persons working in county	25,148
Live in county	16,456
Live outside county	8,692
Live in other county of MSA (Washington)	3,954
Live outside of MSA	4,738
New York State	4,613
Albany	129
Essex	256
Hamilton	42
Rensselaer	90
Saratoga	3,939
Other	157
Elsewhere	125
Net incommutation	4,664

1980 COMMUTATION PATTERNS

WASHINGTON COUNTY

Residents at work	20,349
Work in county	13,217
Hudson Falls Village	1,917
Fort Edward Village	70
Work outside county	7,132
Work in other county of MSA (Warren)	3,954
Glens Falls City	3,451
Work outside of MSA	3,178
New York State	2,284
Albany	423
Albany City	242
Essex	148
Rensselaer	495
Troy City	78
Saratoga	971
Saratoga Springs City	110
Schenectady	36
Other	211
Vermont	796
Bennington	474
Rutland	307
Elsewhere	98
Persons working in county	17,712
Live in county	13,217
Live outside county	4,495
Live in other county of MSA (Warren)	1,565
Live outside of MSA	2,930
New York State	2,146
Albany	41
Essex	60
Rensselaer	175
Saratoga	1,623
Other	247
Vermont	628
Bennington	84
Rutland	544
Elsewhere	156
Net outcommutation	2,637

1980 COMMUTATION

WAYNE COUNTY

Residents at work	34,118
Work in county	20,297
Newark Village	4,403
Work outside county	13,821
Work in other counties of MSA	11,778
Livingston	16
Monroe	10,795
Rochester City	4,892
Ontario	951
Canandaigua City	146
Geneva City (part)	199
Orleans	18
Work outside of MSA	2,041
New York State	1,952
Cayuga	238
Onondaga	121
Oswego	115
Seneca	463
Tioga	935
Other	78
Elsewhere	89
Persons working in county	25,487
Live in county	20,297
Live outside county	5,190
Live in other counties of MSA	3,753
Monroe	1,621
Ontario	2,113
Live outside of MSA	1,437
New York State	1,297
Allegany	34
Cayuga	431
Niagara	41
Onondaga	56
Seneca	481
Yates	33
Other	221
Elsewhere	140
Net outcommutation	8,631

1980 COMMUTATION PATTERNS

WESTCHESTER COUNTY

Residents at work	405,740
Work in county	271,942
Work outside county	133,798
Work in other counties of PMSA	113,176
New York City	109,813
Bronx	24,954
Kings	6,661
New York	72,165
Queens	4,128
Richmond	1,905
Putnam	1,591
Rockland	1,772
Work outside of PMSA	20,622
New York State	3,753
Nassau	1,394
Other	2,359
Connecticut	11,059
Fairfield	10,819
New Jersey	4,259
Bergen	2,144
Other	2,115
Elsewhere	1,551

Persons working in county	358,416
Live in county	271,942
Live outside county	86,474
Live in other counties of PMSA	55,007
New York City	31,890
Bronx	18,213
Kings	2,304
New York	5,592
Queens	5,491
Putnam	14,476
Rockland	8,641
Live outside of PMSA	31,467
New York State	12,316
Dutchess	5,930
Nassau	2,525
Orange	1,777
Other	2,084

1980 COMMUTATION PATTERNS

WESTCHESTER COUNTY (continued)

Connecticut	13,093
Fairfield	12,284
New Jersey	4,901
Bergen	2,787
Other	2,114
Elsawhere	1,157
Net outcommutation	47,324

1980 COMMUTATION PATTERNS

WYOMING COUNTY

Residents at work	15,069
Work in county	10,302
Work outside county	4,767
New York State	4,701
Allegany	72
Cattaraugus	198
Erie	2,030
Buffalo City	560
Genesee	1,444
Livingston	422
Monroe	385
Rochester City	284
Niagara	39
Other	111
Elsewhere	66
Persons working in county	13,132
Live in county	10,302
Live outside county	2,830
New York State	2,792
Allegany	388
Cattaraugus	1,009
Erie	386
Genesee	467
Livingston	317
Monroe	42
Other	183
Elsewhere	38
Net outcommutation	1,937

1980 COMMUTATION PATTERNS

YATES COUNTY

Residents at work	8,556
Work in county	6,095
Work outside county	2,461
New York State	2,410
Chemung	39
Monroe	320
Rochester City	201
Ontario	1,361
Canandaigua City	421
Geneva City (part)	544
Schuyler	132
Seneca	179
Steuben	227
Corning City	67
Wayne	33
Other	119
Elsewhere	51
Persons working in county	6,978
Live in county	6,095
Live outside county	883
New York State	856
Allegany	23
Ontario	323
Schuyler	190
Seneca	39
Steuben	234
Other	47
Elsewhere	27
Net outcommutation	1,578

1980 COMMUTATION PATTERNS

ALBANY-SCHENECTADY-TROY MSA

Residents at work	355,491
Work in MSA	338,606
Albany	172,435
Greene	10,755
Montgomery	16,984
Rensselaer	38,863
Saratoga	35,346
Schenectady	64,223
Work outside of MSA	16,885
New York State	13,273
Columbia	1,010
Fulton	1,448
Glens Falls MSA	6,010
Warren	4,171
Washington	1,839
Schoharie	594
Ulster	664
Utica-Rome MSA	551
Herkimer	402
Other	2,996
Massachusetts	634
Berkshire	349
Vermont	1,209
Bennington	1,047
Elsewhere	1,769
Persons working in MSA	361,353
Live in MSA	338,606
Albany	127,572
Greene	12,669
Montgomery	19,726
Rensselaer	59,634
Saratoga	56,975
Schenectady	62,030
Live outside of MSA	22,747
New York State	20,877
Columbia	4,377
Fulton	4,538
Glens Falls MSA	3,678
Warren	1,745
Washington	1,935

1980 COMMUTATION PATTERNS

ALBANY-SCHENECTADY-TROY (continued)

Schoharie	2,585
Ulster	999
Utica-Rome MSA	763
Herkimer	610
Other	3,935
Massachusetts	471
Berkshire	253
Vermont	372
Bennington	318
Elsewhere	1,027
Net incommutation	5,862

1980 COMMUTATION PATTERNS

BINGHAMTON MSA

Residents at work	113,400
Work in MSA	106,070
Broome	92,593
Tioga	13,477
Work outside of MSA	7,330
New York State	5,013
Chemung	548
Chenango	670
Cortland	289
Delaware	517
Syracuse MSA	253
Onondaga	185
Tompkins	1,901
Other	835
Pennsylvania	1,900
Bradford	1,533
Susquehanna	200
Other	167
Elsewhere	417

Persons working in MSA	117,044
Live in MSA	106,070
Broome	89,773
Tioga	16,297
Live outside of MSA	10,974
New York State	5,026
Chemung	624
Chenango	1,571
Cortland	231
Delaware	392
Ontario	221
Syracuse MSA	178
Onondaga	134
Tompkins	230
Wayne	935
Other	644
Pennsylvania	5,672
Bradford	1,678
Lackawanna	241

1980 COMMUTATION PATTERNS

BINGHAMTON MSA (continued)

Susquehanna	3,553
Other	200
Elsewhere	276
Net incommutation	3,644

1980 COMMUTATION PATTERNS

GLENS FALLS MSA

Residents at work	40,833
Work in MSA	35,192
Warren	20,410
Washington	14,782
Work outside of MSA	5,641
New York State	4,544
Albany-Schenectady-Troy MSA	3,678
Albany	742
Rensselaer	518
Saratoga	2,261
Schenectady	132
Essex	413
Other	451
Vermont	810
Bennington	483
Rutland	307
Elsewhere	287
Persons working in MSA	42,860
Live in MSA	35,192
Warren	18,021
Washington	17,171
Live outside of MSA	7,668
New York State	6,759
Albany-Schenectady-Troy MSA	6,010
Albany	170
Rensselaer	265
Saratoga	5,562
Essex	316
Other	433
Vermont	664
Bennington	86
Rutland	572
Elsewhere	245
Net incommutation	2,027

1980 COMMUTATION PATTERNS

NASSAU-SUFFOLK PMSA

Residents at work	1,139,188
Work in PMSA	842,612
Nassau	451,657
Suffolk	390,955
Work outside of PMSA	296,576
New York State	286,215
New York PMSA	283,002
New York City	279,011
Bronx	9,030
Kings	39,939
New York	146,077
Queens	82,422
Richmond	1,543
Westchester	3,595
Orange	1,013
Other	2,200
Connecticut	1,178
New Jersey	5,263
Bergen	1,841
Hudson	1,237
Other	2,185
Elsewhere	3,920
Persons working in PMSA	914,709
Live in PMSA	842,612
Nassau	401,631
Suffolk	440,981
Live outside of PMSA	72,097
New York State	67,388
New York PMSA	66,270
New York City	64,049
Bronx	2,614
Kings	8,600
New York	4,400
Queens	47,964
Westchester	1,732
Other	1,118
New Jersey	2,115
Elsewhere	2,594
Net outcommutation	224,479

1980 COMMUTATION PATTERNS

NEW YORK CITY

Residents at work	2,828,638
Work in New York City	2,652,563
Bronx	183,678
Kings	497,072
New York	1,520,547
Queens	382,434
Richmond	68,830
Work outside of New York City	176,075
Work in other counties of PMSA	34,310
Rockland	2,327
Westchester	31,890
Work outside of PMSA	141,765
New York State	68,314
Nassau-Suffolk PMSA	64,049
Nassau	56,359
Suffolk	7,690
Other	4,265
Connecticut	4,594
Fairfield	3,708
New Jersey	57,786
Bergen	17,975
Essex	7,471
Hudson	15,265
Middlesex	4,557
Morris	1,406
Passaic	2,955
Union	5,229
Other	2,928
Pennsylvania	1,270
Elsewhere	9,781

Persons working in New York City	3,340,542
Live in New York City	2,652,563
Bronx	355,353
Kings	765,389
New York	643,995
Queens	756,227
Richmond	131,599
Live outside of New York City	687,979
Live in other counties of PMSA	140,949
Putnam	4,519
Rockland	26,617
Westchester	109,813

1980 COMMUTATION PATTERNS

NEW YORK CITY (continued)

Live outside of PMSA	547,030
New York State	292,591
Dutchess	2,712
Nassau-Suffolk PMSA	279,011
Nassau	203,073
Suffolk	75,938
Orange	6,652
Other	4,216
Connecticut	26,532
Fairfield	23,535
Massachusetts	1,578
New Jersey	213,969
Bergen	69,219
Essex	21,784
Hudson	39,651
Middlesex	18,563
Monmouth	17,257
Morris	9,691
Passaic	7,687
Union	13,973
Other	16,124
Pennsylvania	5,043
Elsewhere	7,317
Net incommutation	511,904

1980 COMMUTATION PATTERNS

NEW YORK PMSA

Residents at work	3,384,885
Work in PMSA	3,201,815
New York City	2,793,512
Bronx	216,118
Kings	505,620
New York	1,612,876
Queens	387,923
Richmond	70,975
Putnam	12,518
Rockland	68,836
Westchester	326,949
Work outside of PMSA	183,070
New York State	75,940
Dutchess	3,114
Nassau-Suffolk PMSA	66,270
Nassau	58,158
Suffolk	8,112
Orange	1,899
Other	4,657
Connecticut	17,877
Fairfield	16,668
New Jersey	76,144
Bergen	31,681
Essex	8,456
Hudson	16,357
Middlesex	4,863
Morris	1,733
Passaic	4,105
Union	5,782
Other	3,147
Pennsylvania	1,515
Elsewhere	11,594
Persons working in PMSA	3,794,393
Live in PMSA	3,201,815
New York City	2,686,873
Bronx	374,395
Kings	768,157
New York	650,160
Queens	762,206
Richmond	131,955
Putnam	29,937
Rockland	99,887
Westchester	385,118

1980 COMMUTATION PATTERNS

NEW YORK PMSA (continued)

Live outside of PMSA	592,578
New York State	312,506
Dutchess	10,427
Nassau-Suffolk PMSA	283,002
Nassau	205,831
Suffolk	77,171
Orange	13,075
Other	6,002
Connecticut	40,489
Fairfield	36,607
New Jersey	224,236
Bergen	76,158
Essex	22,308
Hudson	40,204
Middlesex	18,762
Monmouth	17,399
Morris	10,057
Passaic	8,679
Union	14,173
Other	26,553
Pennsylvania	5,258
Elsewhere	10,089
Net incommutation	409,508

1980 COMMUTATION PATTERNS

ROCHESTER MSA

Residents at work	427,779
Work in MSA	417,129
Livingston	16,635
Monroe	338,352
Ontario	28,268
Orleans	9,824
Wayne	24,050
Work outside of MSA	10,650
New York State	8,870
Erie	536
Genesee	1,325
Niagara	1,152
Onondaga	373
Seneca	1,711
Steuben	632
Tioga	1,156
Wyoming	366
Yates	333
Other	1,286
Elsewhere	1,778
Persons working in MSA	433,881
Live in MSA	417,129
Livingston	21,970
Monroe	313,703
Ontario	35,664
Orleans	13,715
Wayne	32,077
Live outside of MSA	16,752
New York State	15,388
Allegany	433
Cayuga	815
Erie	633
Genesee	4,108
Niagara	759
Onondaga	329
Seneca	2,421
Steuben	1,845

1980 COMMUTATION PATTERNS

ROCHESTER MSA

Wyoming	832
Yates	1,723
Other	1,490
Elsewhere	1,364
Net incommutation	6,102

1980 COMMUTATION PATTERNS

SYRACUSE MSA

Residents at work	266,005
Work in MSA	256,910
Madison	14,679
Onondaga	209,381
Oswego	32,850
Work outside of MSA	9,095
New York State	8,104
Cayuga	1,625
Chenango	559
Cortland	432
Jefferson	289
Monroe	325
Oneida	2,783
Other	2,091
Elsewhere	991
Persons working in MSA	271,167
Live in MSA	256,910
Madison	21,613
Onondaga	196,070
Oswego	39,227
Live outside of MSA	14,257
New York State	13,150
Cayuga	4,442
Chenango	335
Cortland	1,037
Jefferson	437
Oneida	4,178
Other	2,719
Elsewhere	1,107
Net incommutation	5,162

1980 COMMUTATION PATTERNS

UTICA-ROME MSA

Residents at work	124,178
Work in MSA	116,924
Herkimer	18,701
Oneida	98,223
Work outside of MSA	7,254
New York State	6,617
Albany-Schenectady-Troy MSA	763
Albany	186
Montgomery	537
Fulton	183
Lewis	194
Otsego	300
Syracuse MSA	4,350
Madison	2,412
Onondaga	1,552
Oswego	386
Other	827
Elsewhere	637
Persons working in MSA	123,743
Live in MSA	116,924
Herkimer	23,964
Oneida	92,960
Live outside of MSA	6,819
New York State	6,299
Albany-Schenectady-Troy MSA	551
Montgomery	410
Fulton	508
Lewis	656
Otsego	979
Syracuse MSA	2,850
Madison	2,253
Onondaga	320
Oswego	277
Other	755
Elsewhere	520
Net outcommutation	435

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